



US008669195B2

(12) **United States Patent**
Swallow et al.

(10) **Patent No.:** **US 8,669,195 B2**
(45) **Date of Patent:** **Mar. 11, 2014**

(54) **ELECTRICAL COMPONENTS AND
CIRCUITS CONSTRUCTED AS TEXTILES**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/628,287**

(22) Filed: **Sep. 27, 2012**

(65) **Prior Publication Data**

US 2013/0020313 A1 Jan. 24, 2013

Related U.S. Application Data

(62) Division of application No. 10/598,373, filed on Dec.
27, 2006, now Pat. No. 8,298,968.

(51) **Int. Cl.**
D03D 15/00 (2006.01)

(52) **U.S. Cl.**
USPC **442/229**; 345/178; 345/179; 442/181;
442/228

(58) **Field of Classification Search**
USPC 442/181, 228, 229; 345/173, 174
See application file for complete search history.

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(57) **ABSTRACT**

Electrical components are formed in a fabric during the weav-
ing process by a series of crossing conductors in the warp and
weft fibers of the fabric. Some of the crossing points provide
permanent separation of the crossing conductors, others per-
manent connection of the crossing conductors and others
connection upon the application of pressure to the fabric. The
structure provides the possibility of forming a greater range of
components and more reliable component characteristics
than heretofore possible.

19 Claims, 12 Drawing Sheets

